



NATIONAL  
AGRICULTURAL  
STATISTICS  
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# KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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**AGRICULTURAL NEWS:** Once again, below normal rainfall dominated the majority of Kentucky during the past week, with temperatures averaging 73 degrees. Farmers reported spending most of the week harvesting tobacco, corn, and baling hay. There was an average of 6.1 days out of seven that fieldwork was possible. On Friday, September 16, topsoil moisture was rated 22 percent very short, 36 percent short, 40 percent adequate, and 2 percent surplus. Subsoil moisture was rated 25 percent very short, 36 percent short, 38 percent adequate, and 1 percent surplus.

**CORN:** Harvest continued and as of Sunday, September 18, 31 percent of the corn crop was harvested, down from 36 percent last year and the 5 year average of 38 percent. Ninety percent was mature. A year ago only 81 percent was mature and the 5 year average was 87 percent. Corn at the dent stage or beyond was 99 percent, compared to 98 percent for 2004 and equal to the average of 99 percent. Corn crop condition was 4 percent very poor, 13 percent poor, 26 percent fair, 39 percent good, and 18 percent excellent. The average moisture content of corn being harvested was 18 percent.

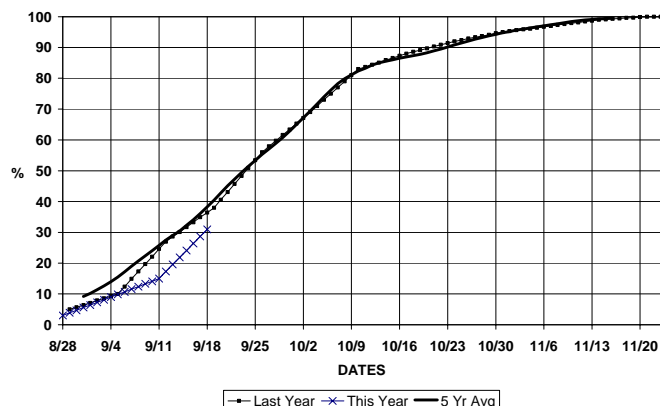
**SOYBEANS:** Reports indicated that a few farmers were in the early stages of soybean harvest. As of

Sunday, September 18, 36 percent of soybeans have dropped leaves, compared to 35 percent for 2004 and 38 percent for the 5 year average. Condition of the soybean crop was rated 2 percent very poor, 10 percent poor, 24 percent fair, 44 percent good, and 20 percent excellent.

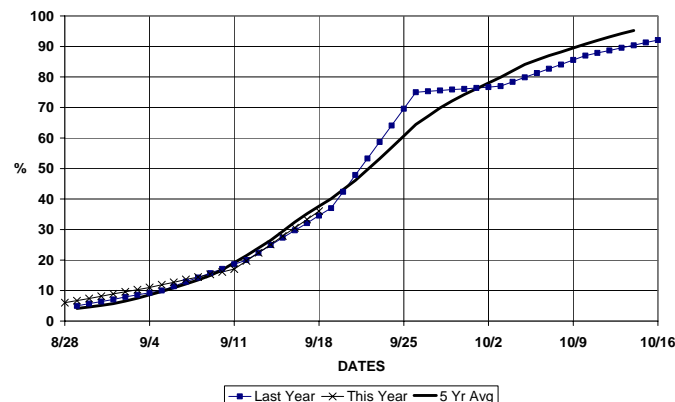
**TOBACCO:** Most reports indicated that curing was going well with a few concerns that a lack of moisture was causing some tobacco to cure too fast. Tobacco conditions were rated 5 percent very poor, 13 percent poor, 30 percent fair, 42 percent good, and 10 percent excellent. Eighty percent of the burley crop was cut, equal to last year's rate and behind a 5 year average of 82 percent. Seventy-one percent of the dark tobacco was cut, compared to 72 percent for 2004 and 79 percent for the average. Ten percent of tobacco showed light houseburn, 2 percent was moderate, and 88 percent showed none.

**OTHER CROPS:** Hay and pastures continue to need rain. Some farmers continued to report that the quality of cut hay was reduced due to lack of timely showers. Condition of the hay crop was rated 11 percent very poor, 21 percent poor, 37 percent fair, 27 percent good, and 4 percent excellent. Pastures were rated 10 percent very poor, 20 percent poor, 41 percent fair, 26 percent good, and 3 percent excellent.

CORN HARVESTED PROGRESS



SOYBEANS SHEDDING LEAVES OR BEYOND



**KENTUCKY CROP PROGRESS**  
WEEK ENDING SEPTEMBER 18, 2005  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	36	35	38	17	37
Corn					
Dent Stage	99	98	99	95	89
Mature	90	81	87	76	36
Harvested	31	36	38	15	6
Burley Tobacco					
Cut	80	80	82	73	NA
Dark Tobacco					
Cut	71	72	79	52	NA

(NA)Data Not Available.

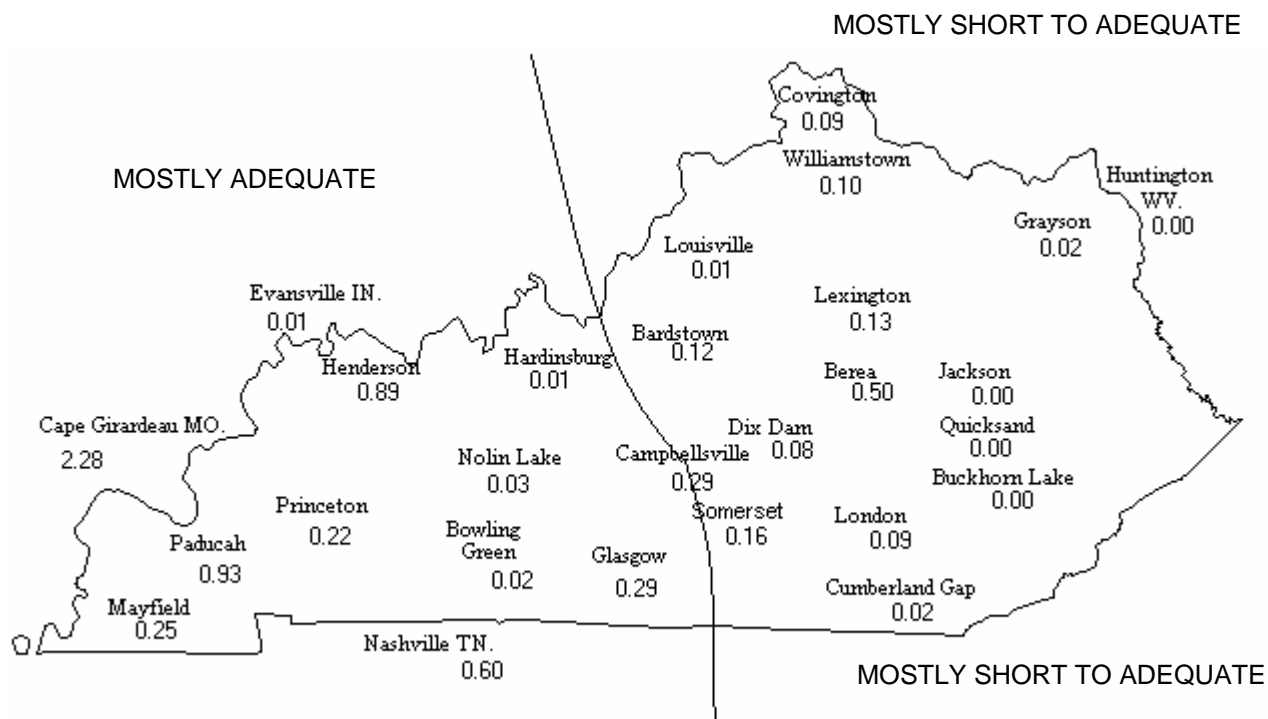
**SOIL MOISTURE**  
WEEK ENDING SEPTEMBER 16, 2005  
WITH COMPARISONS

	This Week	Previous Week
Percentage		
<b>TOPSOIL</b>		
Very Short	22	11
Short	36	37
Adequate	40	49
Surplus	2	3
<b>SUBSOIL</b>		
Very Short	25	12
Short	36	38
Adequate	38	48
Surplus	1	2

**KENTUCKY CROP CONDITIONS (Percent)**

WEEK ENDING SEPTEMBER 16, 2005						WEEK ENDING SEPTEMBER 9, 2005					
CROP	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	
Corn	4	13	26	39	18	4	11	24	43	18	
Soybeans	2	10	24	44	20	2	9	24	49	16	
Pasture	10	20	41	26	3	12	28	34	24	2	
Hay Crops	11	21	37	27	4	13	26	35	23	3	
Tobacco in Field	5	13	30	42	10	6	15	32	38	9	

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 18, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 16, 2005**



# **KENTUCKY WEATHER SUMMARY, SEPTEMBER 12 - 18, 2005:** **ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:**

A strong high pressure system provide very warm and dry conditions to the Bluegrass State making last week the 9th week straight with above normal temperatures and the 2nd week with below normal rainfall. Scattered rainfall occurred from a stall-out frontal boundry in west and west-central sections of the State toward the end of the work week.

Temperatures for the period averaged 73 degrees across the State which was 5 degrees above normal. High temperatures averaged from 81 in the West to 85 in the East. Departure from normal high temperatures ranged from near normal in the West to 7 degrees above normal in the East. Low temperatures averaged from 62 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 4 degrees above normal in the West to 6 degrees above normal in the East.

Rainfall for the past 7 days totaled 0.26 inches statewide which was 0.54 inches below normal. Rainfall totals by climate division, West 0.76 inches, Central 0.08 inches, Bluegrass 0.16 inches and East 0.04 inches, which was 0.05, 0.77, 0.61 and 0.75 inches respectively below normal. By station, rainfall totals ranged from a low of 0.00 inches at Buckhorn Lake to a high of 0.93 inches at Paducah.

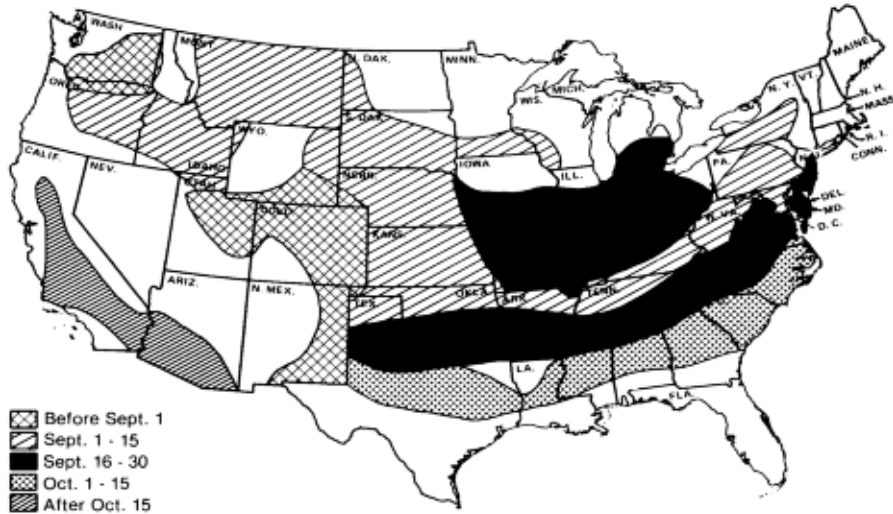
Tom Priddy

## **KENTUCKY TEMPERATURES AND RAINFALL** **FOR WEEK ENDING SUNDAY, SEPTEMBER 18, 7:00 P.M.**

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	0.12	25.38	7.71	+2.52	+4.52	88	55	71.9	+4	150	3428	+222
Berea	0.50	22.63	3.46	-1.20	-0.23	87	60	73.9	+7	164	3559	+242
Bowling Green	0.02	22.39	7.13	-1.52	+3.77	89	52	72.1	+4	151	3570	+223
Bristol	0.08	20.91	1.09	+0.72	-1.89	90	52	71.0	+4	142	3224	+140
Buckhorn Lake	0.00	12.34	0.28	-10.36	-3.09	88	56	72.6	+6	154	3488	+575
Cape Girardeau	2.28	21.97	3.20	-0.29	-0.07	92	53	70.8	+1	139	3650	+149
Campbellsville	0.29	23.34	4.43	-3.47	+0.17	89	56	74.1	+6	161	3548	+261
Covington	0.09	16.53	3.64	-4.66	+0.83	86	55	71.6	+5	149	3327	+290
Cumberland Gap	0.02	13.47	0.97	-11.13	-2.27	88	56	72.6	+6	154	3482	+428
Dix Dam	0.08	20.53	4.46	-3.01	+1.16	87	58	72.8	+6	157	3463	+208
Evansville	0.01	19.93	5.13	-1.26	+2.34	88	53	71.6	+2	148	3506	+158
Glasgow	0.29	27.68	6.20	+1.80	+2.57	90	54	74.3	+6	162	3678	+421
Grayson	0.02	19.56	4.23	-2.43	+1.37	88	58	73.5	+7	159	3479	+596
Hardinsburg	0.01	20.11	5.60	-3.60	+2.19	89	57	72.6	+5	155	3520	+155
Henderson	0.89	19.24	4.29	-2.70	+1.19	89	55	71.8	+2	149	3561	+183
Huntington	0.00	19.23	5.88	-2.88	+2.93	88	57	73.4	+6	159	3489	+422
Jackson	0.00	20.75	1.38	-3.02	-2.03	89	62	74.6	+8	168	3505	+592
Lexington	0.13	17.67	4.92	-5.19	+1.73	87	60	72.6	+6	157	3395	+310
London	0.09	18.40	0.75	-3.56	-2.41	90	56	73.8	+7	157	3347	+311
Louisville	0.01	20.53	5.85	-1.73	+2.81	88	58	72.9	+5	157	3448	+69
Mayfield	0.25	15.78	3.67	-8.35	+0.05	88	56	72.6	+3	154	3504	+78
Nashville	0.60	20.04	3.65	-2.26	+0.49	89	57	74.9	+7	167	3783	+185
Nolin Lake	0.03	22.36	5.98	-2.90	+2.24	89	54	72.6	+5	154	3562	+447
Paducah	0.93	20.00	5.11	-3.74	+1.82	89	52	70.5	+1	140	3633	+163
Princeton	0.22	23.39	9.34	-0.52	+6.05	88	50	71.6	+2	145	3637	+180
Quicksand	0.00	17.16	1.17	-6.61	-2.24	88	56	72.6	+6	154	3494	+581
Somerset	0.16	19.76	1.48	-5.11	-2.18	92	56	74.1	+7	156	3416	+271
Spindletop	0.07	13.12	2.39	-9.74	-0.80	88	58	72.5	+6	154	3322	+237
Williamstown	0.10	19.57	5.91	-2.93	+2.79	86	57	72.2	+5	152	3359	+274

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

## WINTER WHEAT - Usual Start of Planting, Principal Areas in the United States



## CROP PROGRESS PERCENT FOR WEEK ENDING SEPTEMBER 11, 2005

### CORN MATURE

State	Curr	Last Wk	2004	Avg
CO	15	6	8	18
IL	54	28	43	44
IN	38	19	45	37
IA	34	15	16	39
KS	53	42	55	69
KY	76	57	75	75
MI	28	19	3	6
MN	12	5	0	16
MO	76	68	72	75
NE	24	7	10	31
NC	88	81	94	87
ND	9	4	0	20
OH	14	5	15	13
PA	34	23	33	22
SD	21	6	6	22
TN	84	67	84	89
TX	77	72	78	84
WI	21	7	0	5
18 States	36	20	26	36

These 18 States planted 92% of last year's corn acreage.

### SOYBEANS DROPPING LEAVES

State	Curr	Last Wk	2004	Avg
AR	41	32	33	26
IL	40	15	34	28
IN	45	15	56	41
IA	37	12	28	28
KS	25	9	32	47
KY	17	11	19	19
LA	63	50	58	50
MI	42	8	5	12
MN	31	8	9	30
MS	79	65	83	67
MO	17	7	22	20
NE	25	5	19	26
NC	12	5	7	9
ND	35	8	7	33
OH	37	12	36	32
SD	62	30	37	49
TN	49	37	26	24
WI	39	13	9	14
18 States	37	15	28	31

These 18 States planted 95% of last year's soybean acreage.

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.